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MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 11, NO. 5, MAY 1973

(PAGE NOS. 64 - 83)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
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EXPLANATORY NOTE

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1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
5. ON THE RIGHT MARGIN:
PIL - Article appears in a periodical (journal) in library.
PIL/A - Article authored by PIADL staff member(s).
NUMBER - Publication is available in "Reprint File" under indicated number.
LIBR. CLASSIF. CALL NUMBER - Book is available in library.
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MULTIPLE SUBJECT AREA

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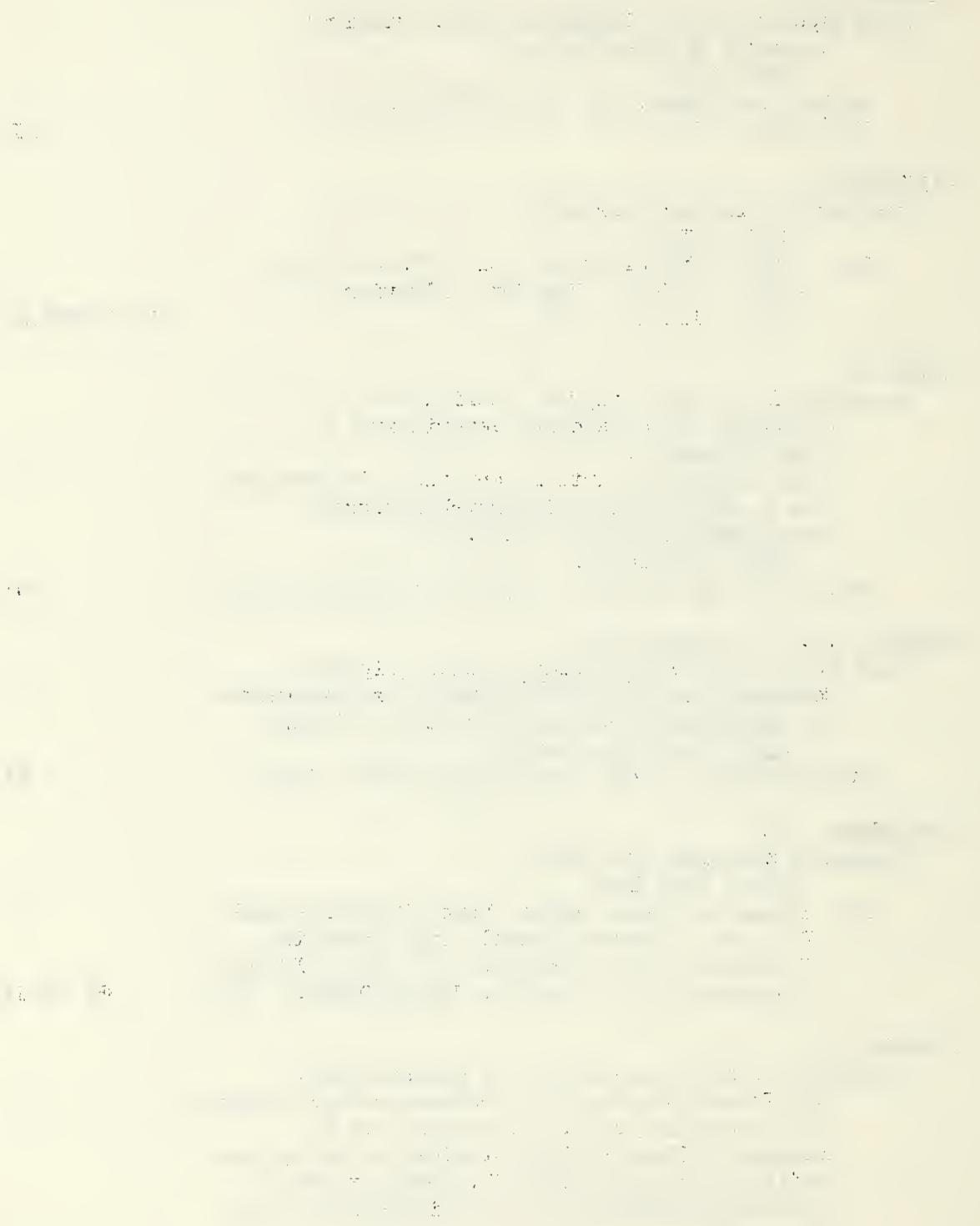


FIG. 10. Correlation coefficient between the observed annual mean precipitation and the annual mean precipitation simulated by the GCMs. (a) Control run; (b) 1.5x CO₂; (c) 2x CO₂; (d) 3x CO₂; (e) 4x CO₂; (f) 5x CO₂. The correlation coefficient is calculated for each grid point and each year of the twentieth century. The correlation coefficient is calculated for each grid point and each year of the twentieth century.

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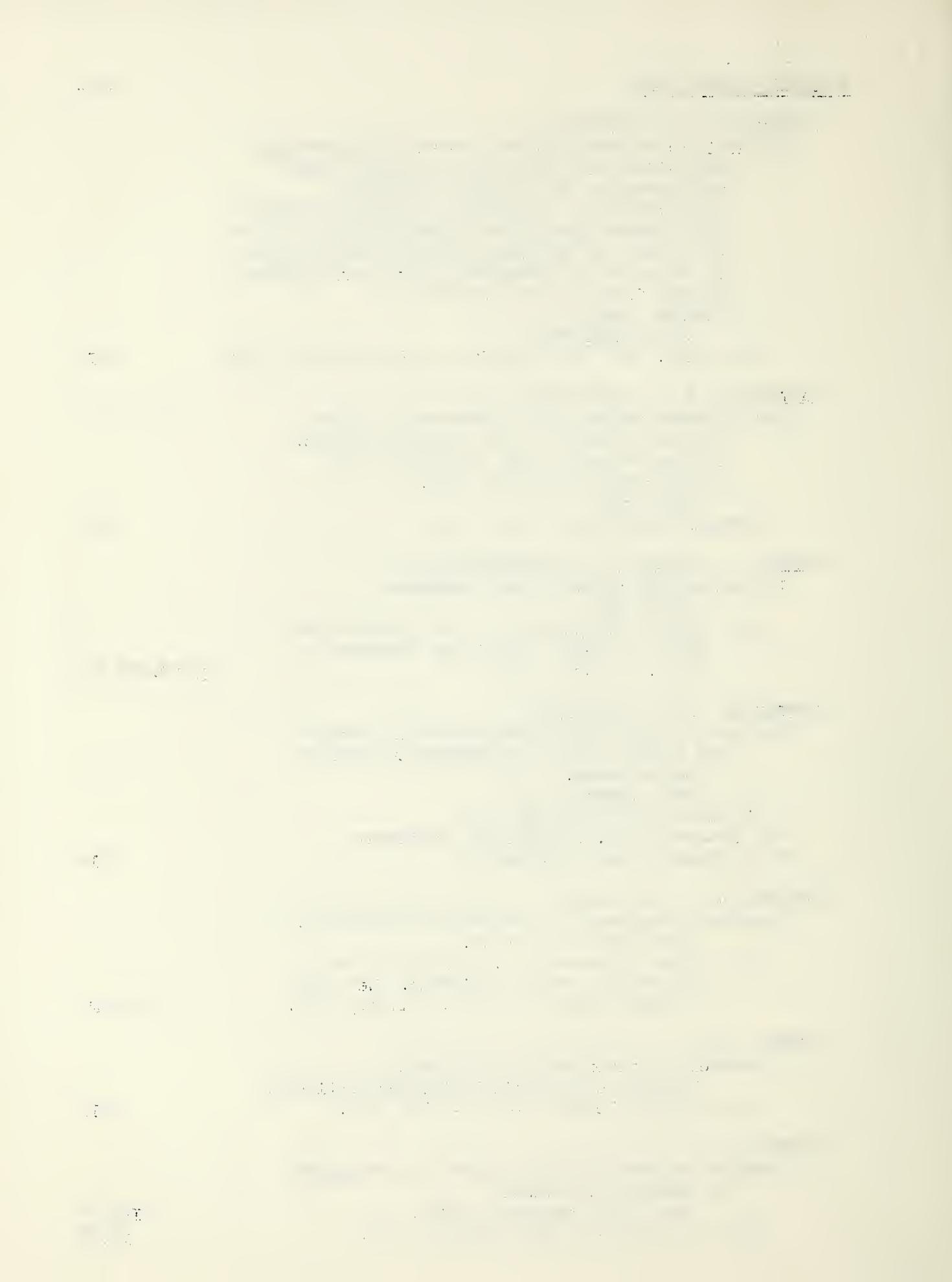
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/ Nutritional requirements of the sheep kidney
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THERMOPHILIC BACTERIA

the temperature of the water was raised to 40° C., the number of colonies increased to 1000 per ml. The same result was obtained at 45° C. and 50° C. At 55° C. the number of colonies decreased to 100 per ml. At 60° C. no colonies were found.

The results of the experiments with the different dilutions of the culture filtrate are given in Table I. The dilution of 1:1000 gave the best results.

EXPERIMENTAL PART

Isolation of the Bacteria

The bacteria were isolated from the culture filtrate by the method of serial dilution. The culture filtrate was diluted with 10 volumes of sterilized water and 0.1 ml. of the dilution was inoculated into 10 ml. of sterilized medium. The medium contained 10 g. of yeast extract, 10 g. of peptone, 10 g. of glucose, 10 g. of agar, 10 g. of NaCl, 10 ml. of 1% Na₂HPO₄, 10 ml. of 1% K₂HPO₄, 10 ml. of 1% MgSO₄ and 10 ml. of 1% CaCO₃.

The cultures were incubated at 40° C. for 24 hours. The bacterial colonies were isolated and purified by the method of serial dilution.

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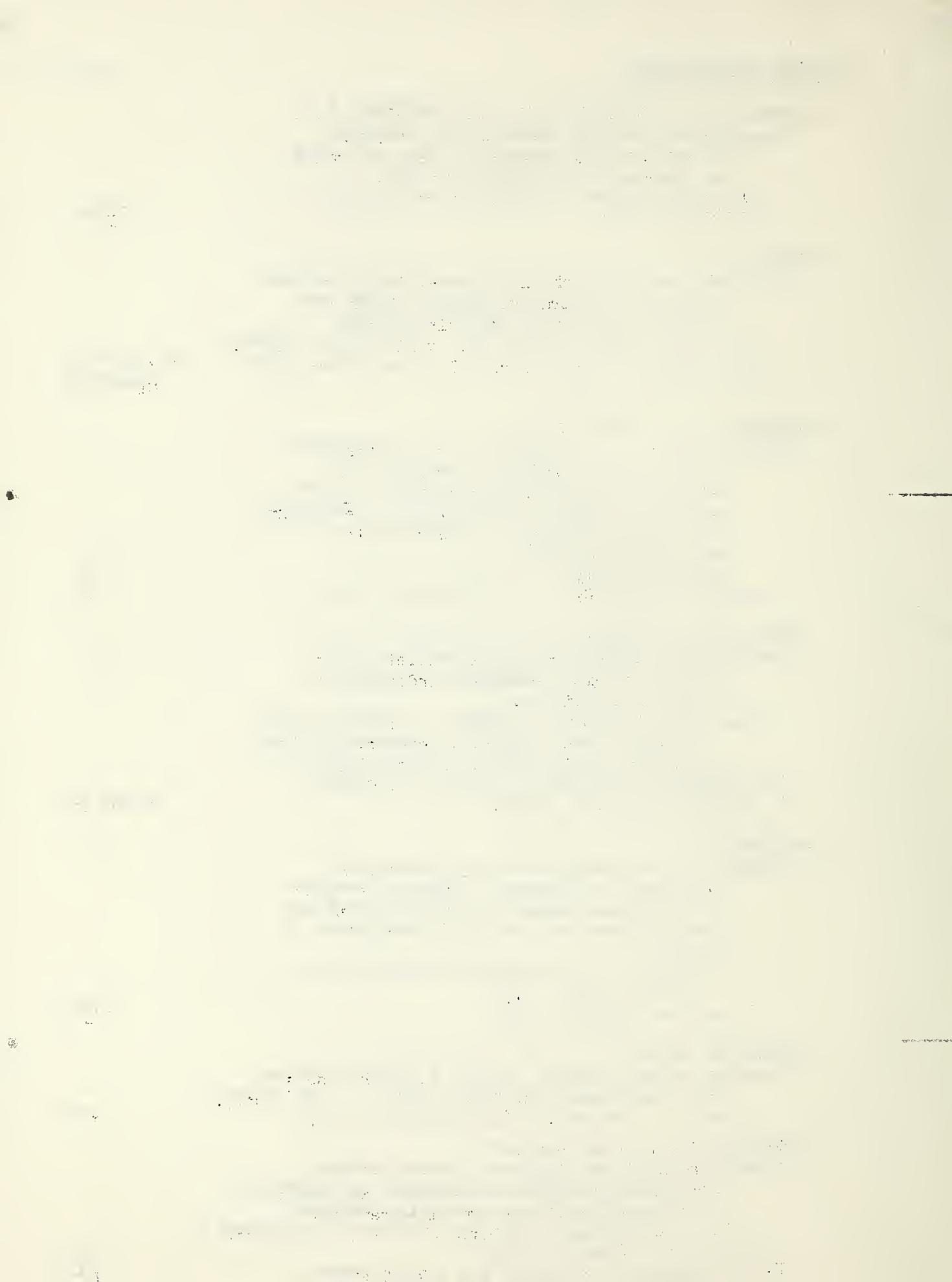
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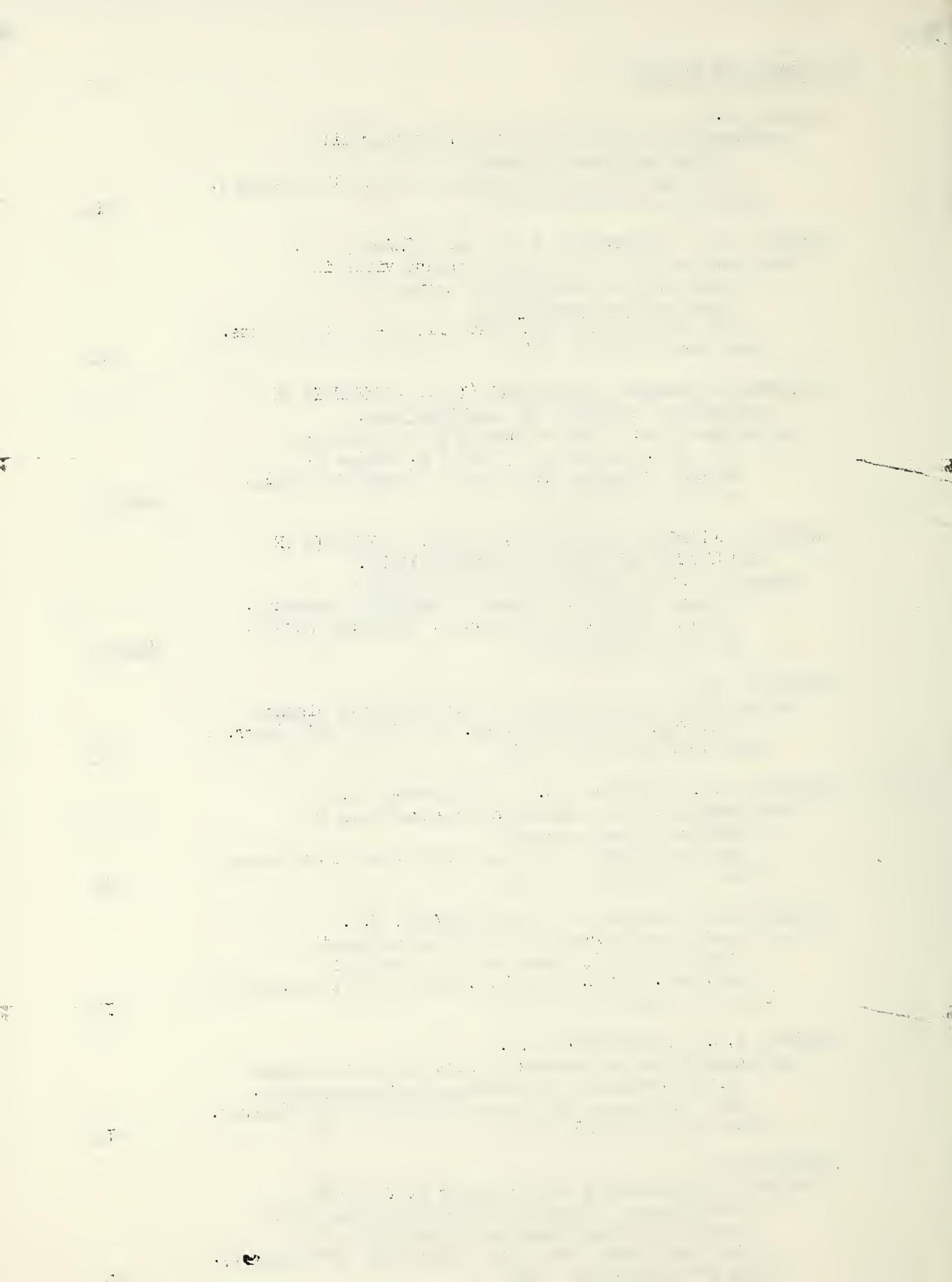
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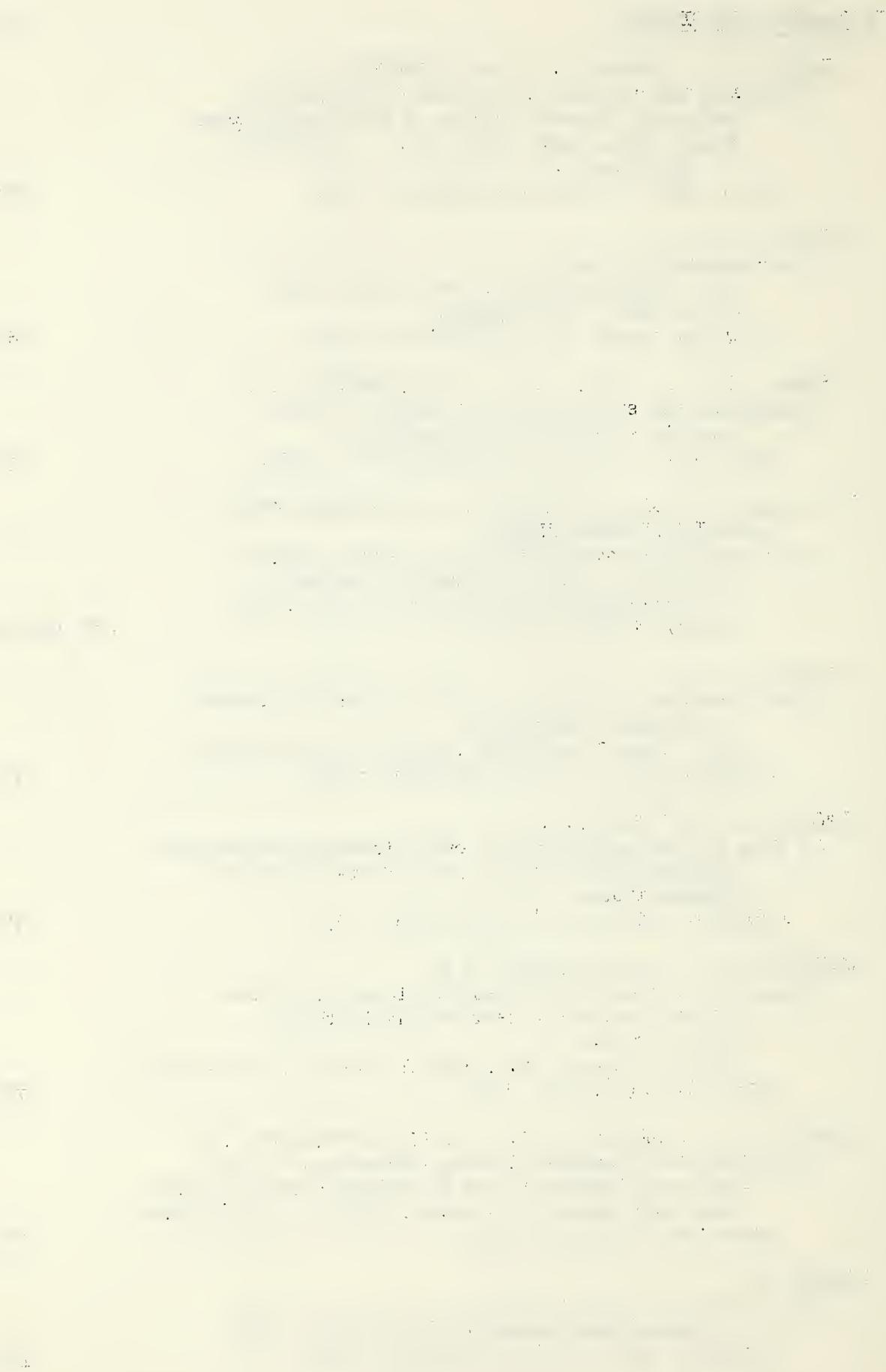
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